

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14463

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/08 H04Q7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L H04Q H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>EP 1 213 874 A (AT & T CORP) 12 June 2002 (2002-06-12) abstract page 3, line 40 - line 44 page 4, line 20 - line 30 page 5, line 2 - line 3 page 5, line 17 - line 18 claims 1-4 figure 3</p> <p style="text-align: center;">--- -/-</p>	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

20 April 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 6 215 994 B1 (GAHAGEN THOMAS ET AL) 10 April 2001 (2001-04-10) abstract column 1, line 67 -column 2, line 1 column 2, line 20 - line 28 column 3, line 24 - line 56 column 3, line 62 -column 4, line 4 column 9, line 41 - line 43 figure 7	1-13
A	US 2002/090932 A1 (BHATIA RANJIT ET AL) 11 July 2002 (2002-07-11) abstract figure 4 page 3, line 62 -page 4, line 5 page 5, line 15 - line 19 page 6, line 29 - line 35 paragraph '0039! paragraph '0040! paragraph '0042!	1-13
A	US 2002/038362 A1 (STROMQUIST MIKAEL ET AL) 28 March 2002 (2002-03-28) abstract paragraph '0058!	1-13
A	US 6 044 205 A (HEYMAN PETER EARNSHAW ET AL) 28 March 2000 (2000-03-28) abstract column 14, line 18 - line 28 column 21, line 39 - line 42 column 23, line 63 - line 65 figure 1	1-13
A	EP 1 182 845 A (NTT DOCOMO INC) 27 February 2002 (2002-02-27) abstract paragraph '0047! figure 1	1-13

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